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states:(71) Applicant: **ALCATEL**(72) Inventor: **SOULIAC LAURENT
FRADIN JEAN
RIGOBERT GERARD**

(74) Representative:

**(54) SEALED STORAGE
BATTERY HAVING
ALUMINUM TERMINAL**

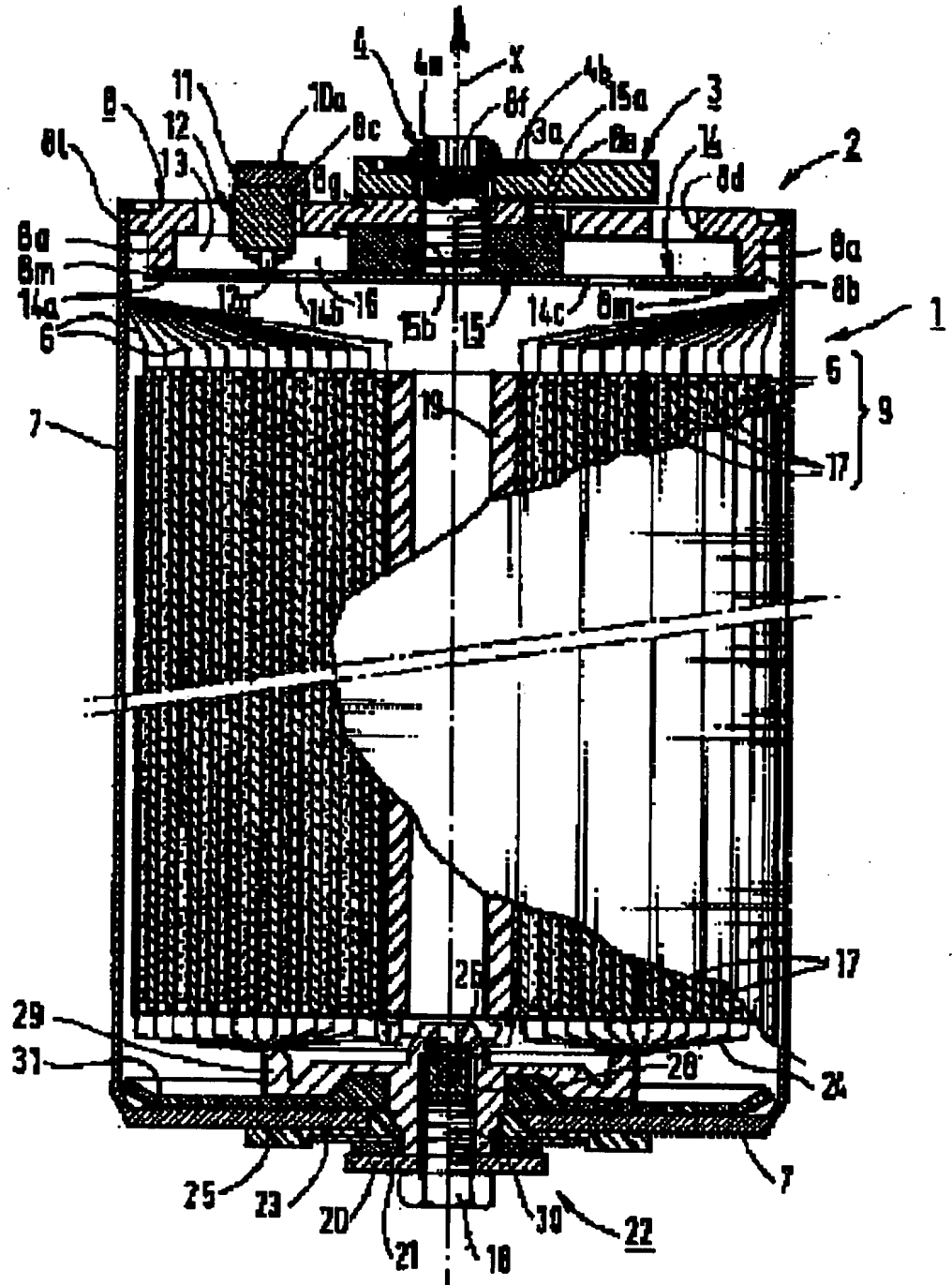
(57) Abstract:

PROBLEM TO BE SOLVED: To provide a reliable sealed high-capacity storage battery having a substantially cylindrical container, two terminals at two end parts of the substantially cylindrical container, one terminal being small, and high efficiency over the service life period of the battery, including a current collecting device formed of aluminum.

SOLUTION: This cylindrical high-capacity sealed storage battery 1 has a terminal containing aluminum in one end part 2. At least a part of the one end part 2 is located under a cover 8 and is provided with an aluminum cover formed so as to be abutted on an external electric connection component 3 of the battery by a clamp means 15 in cooperation with an outside assembly means 4. The clamp means is formed of a material selected from a group

comprising stainless steel, nickel-plated steel, copper or brass, and the cover of the battery is sealed by a metal sealing cap 14 located under the cover.

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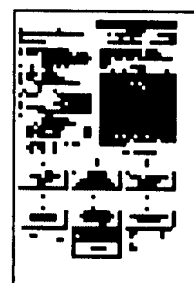
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FRADIN JEAN;
RIGOBERT GERARD;**Assignee: **ALCATEL**
[News, Profiles, Stocks and More about this company](#)Published / Filed: **Feb. 23, 2001 / July 5, 2000**Application Number: **JP20002000203267**IPC Code: **H01M 10/40; H01M 2/02; H01M 2/04; H01M 2/06; H01M 2/12;
H01M 2/26; H01M 2/30; H01M 2/34; H01M 2/36;**Priority Number: **July 8, 1999 FR1999000008847**

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